Mircea-Alexandru Barbu

Date of birth: 23/06/1998 | **Nationality:** Romanian | **Gender** Male | (+40) 742153417 |

mircea.alex30@gmail.com | https://github.com/BarbuAlexandru/CV |

https://www.linkedin.com/in/mircea-alexandru-barbu/

About me: I am a first year student of Advanced Security Systems master's degree from the Politehnica University of Bucharest, Faculty of Automatic Control and Computers.

EDUCATION AND TRAINING

17/07/2021 – CURRENT – Bucharest, Romania
MASTER'S DEGREE – Politehnica University of Bucharest, Faculty of Automatic Control and Computers

Field(s) of study
- Advanced Security Systems

17/07/2017 – 10/07/2021 – Craiova, Romania
SOFTWARE ENGINEER DEGREE – University of Craiova, Faculty of Automation, Computers and Electronics

Average grade of the 4 years studied: 9.26.
Graduation thesis grade: 10.
Important subjects studied:
- Object oriented programming
- Databases
- Data security

Field(s) of study
- Computer Science in English

10 | Image-based Steganography Applications using Watermarking Techniques

15/09/2013 – 10/07/2017 – Craiova, Romania
BACCALAUREATE DIPLOMA – Colegiul Național "Ștefan Velovan" Pedagogic Craiova

Field(s) of study
- Mathematics and Informatics

LANGUAGE SKILLS

Mother tongue(s): ROMANIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

WORKSHOP

13/01/2019 – 24/06/2019
HELLA Embedded Programming Workshop

Focused on Embedded Programming and developing the software for air conditioning in a car.

● PRACTICE

28/06/2021 – 16/07/2021
Netrom .NET Summer Camp

During this program I have developed a web application using .NET and C# using database first approach and Identity framework. The application developed is available using the GitHub link above.
https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET_C%23/UnblockMe_App

● COURSES

08/11/2019 – 20/12/2019
Netrom Software Academy

Focused on developing REST API applications using .NET, PHP and Cloud technologies.

30/10/2020 – 10/12/2020
Netrom Software Testing Academy

Focused on Quality Assurance, Software Testing, Risk Assessment, Testing Tools, Manual and Automated Testing, Agile and Waterfall methodologies.

04/12/2019 – 11/03/2020
IQuest C# Remote Learning Module 1

Focused on C# programming language and Object Oriented Programming, SOLID, Exception Handling, Design Patterns, GIT usage.

01/04/2020 – 04/06/2020
IQuest C# Remote Learning Module 2

Focused also on C# programming language and Multithreading, Design Patterns, Unit Testing, Lambda expressions, Entity Framework, ASP.NET Web API, ASP.NET MVC Web Application.

● PROJECTS

ASP.NET

https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET_C%23
I have done multiple web applications using C# and ASP.NET, these projects can be found using the GitHub link provided above. The projects use the MVC design pattern. Some use code first approach and some use database first approach.

C/C++

https://github.com/BarbuAlexandru/CV/tree/master/Projects/C_C%2B%2B
The most difficult project done in C/C++ was the handwritten C compiler, this project, as well as others, can be found using the link above.

Other Projects

https://github.com/BarbuAlexandru/CV/tree/master/Projects
Furthermore, I have worked on additional projects using different languages and technologies, such as Java, the WPF framework, Android Studio, Unity and others. These projects can be found using the GitHub link provided.